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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/615,042	07/08/2003	Valeriy Sukharev	03-0509	3892

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EXAMINER

ART UNIT PAPER NUMBER

DATE MAILED: 07/13/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

**Notification of Non-Compliant Appeal Brief
(37 CFR 41.37)**

Application No.

10/615,042

Applicant(s)

SUKHAREV ET AL.

Examiner

Jesse A. Fenty

Art Unit

2815

--The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

The Appeal Brief filed on 12 May 2005 is defective for failure to comply with one or more provisions of 37 CFR 41.37.

To avoid dismissal of the appeal, applicant must file a complete new brief in compliance with 37 CFR 41.37 within **ONE MONTH or THIRTY DAYS** from the mailing date of this Notification, whichever is longer. **EXTENSIONS OF THIS TIME PERIOD MAY BE GRANTED UNDER 37 CFR 1.136.**

1. ☐ The brief does not contain the items required under 37 CFR 41.37(c), or the items are not under the proper heading or in the proper order.
2. ☐ The brief does not contain a statement of the status of all claims, (e.g., rejected, allowed or confirmed, withdrawn, objected to, canceled), or does not identify the appealed claims (37 CFR 41.37(c)(1)(iii)).
3. ☐ At least one amendment has been filed subsequent to the final rejection, and the brief does not contain a statement of the status of each such amendment (37 CFR 41.37(c)(1)(iv)).
4. ☒ (a) The brief does not contain a concise explanation of the subject matter defined in each of the independent claims involved in the appeal, referring to the specification by page and line number and to the drawings, if any, by reference characters; and/or (b) the brief fails to: (1) identify, for each independent claim involved in the appeal and for each dependent claim argued separately, every means plus function and step plus function under 35 U.S.C. 112, sixth paragraph, and/or (2) set forth the structure, material, or acts described in the specification as corresponding to each claimed function with reference to the specification by page and line number, and to the drawings, if any, by reference characters (37 CFR 41.37(c)(1)(v)).
5. ☐ The brief does not contain a concise statement of each ground of rejection presented for review (37 CFR 41.37(c)(1)(vi)).
6. ☒ The brief does not present an argument under a separate heading for each ground of rejection on appeal (37 CFR 41.37(c)(1)(vii)).
7. ☐ The brief does not contain a correct copy of the appealed claims as an appendix thereto (37 CFR 41.37(c)(1)(viii)).
8. ☐ The brief does not contain copies of the evidence submitted under 37 CFR 1.130, 1.131, or 1.132 or of any other evidence entered by the examiner and relied upon by appellant in the appeal, along with a statement setting forth where in the record that evidence was entered by the examiner, as an appendix thereto (37 CFR 41.37(c)(1)(ix)).
9. ☐ The brief does not contain copies of the decisions rendered by a court or the Board in the proceeding identified in the Related Appeals and Interferences section of the brief as an appendix thereto (37 CFR 41.37(c)(1)(x)).
10. ☐ Other (including any explanation in support of the above items):

Regarding Box 4, the Brief does not contain a concise explanation of the subject matter defined in each of the independent claims involved in the appeal, referring to the specification by page and line number and to the drawings, if any, by reference characters. Specifically, the brief does not contain references to the page and line numbers that explain the foundation for the amendments added to the claims in the amendment filed 12/03/04, "wherein the interconnect liner layer is a permanent component of the interconnect and does not interact with the copper deposit to form an alloy at any time while the method is performed." This information must be completed to comply with the requirements for the Appeal Brief.

Regarding Box 6, the Brief does not present a separate argument under a separate heading for each ground of rejection. The 35 USC 102 rejection under McTeer and the 35 USC 103 rejection under McTeer in view of Hsu should have separate headings in the Arguments section.

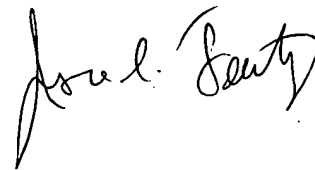
Continuation Sheet (Patents and Trademark-462)

U.S. Patent and Trademark Office
PTOL-462 (Rev. 9-04)

Notification of Non-Compliant Appeal Brief (37 CFR 41.37)

Application No 08/112,233

Part of Paper No. 071005

A handwritten signature in black ink, appearing to read "Paul. Santy". The signature is written in a cursive, somewhat stylized font. The first name "Paul" is followed by a period and the last name "Santy". The signature is located in the upper right quadrant of the page.